

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Michelle BUTLER

Serial No.: (not yet assigned)

Filed: (concurrently herewith)

Entitled: ANTIBACETERIAL PYRAZOLE  
CARBOXYLIC ACID HYDRAZIDES

Art Unit:

Examiner:

U.S. national phase of PCT/US03/28392 filed Sep. 10, 2003 and designating the US  
Attorney Docket No.: MBX-301.1P US**Mail Stop PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A modified Form PTO-1449 listing the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents. Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be required with this submission.

**US Patent Documents**

U.S. Patent Application Publication No. US2003/0157693 A1, published August 21, 2003, Verdin et al.;

U.S. Patent Application Publication No. US2004/0034075 A1, published February 19, 2004, Smith et al.

**Publications:**Barnes and Brown, *Nucl. Acids Res.*, 6:1203-1219 (1979);Barnes et al., *J. Bacteriol.*, 184:3834-3838 (2002);Braithewaite et al., *Nucl. Acids Res.* 21:787-802 (1993);Brown et al., *Drugs Exp. Clin. Res.*, 12:555-564 (1986);Clements et al., *J. Biol. Chem.*, 250:522-526 (1975);

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MBX-301.1P US

Coan et al., *J. Amer. Chem. Soc.*, 76:501 (1954);  
Daly et al., *Antimicrob. Agents Chemother.*, 44:2217-2221 (2000);  
Ege et al., *J. Heterocycl. Chem.* 19:1267-1273 (1982);  
Gaddekar et al., *J. Med. Chem.* 3:616-618 (1968);  
Hammond et al., *Gene* 98: 29-36 (1991);  
Low et al., *J. Biol. Chem.*, 251:1311-1325 (1976);  
Millis et al., *J. Bacteriol.*, 132:641-649 (1977);  
Milyutin A.V., *Khimiko-Farmatsevticheskii Zhurnal*, 32:24-26 (1998) and corresponding English translation;  
Spence et al., *Science*, 267:988-993 (1995);  
Tarantino et al., *Antimicrob. Agents Chemother.*, 43:1982-1987 (1999);  
Torsci et al., *Gazzetta Chimica Italiana*, 92:1290-1300 (1962) and corresponding English translation;  
Trantolo et al., *J. Med. Chem.*, 29:676-681 (1986);  
Wright et al., *Current Opinion in Anti-Infective Investigational Drugs*, 1:45-48 (1999).

Applicant does not intend to represent that any of the documents submitted herein is material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

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Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

*Thomas R. Berka*

Leon R. Yankwich, Reg. No. 30,237  
Thomas R. Berka, Ph.D., Reg. No. 39,606  
Attorney for Applicants  
YANKWICH & ASSOCIATES, P.C.  
201 Broadway  
Cambridge, Massachusetts 02139  
telephone: (617) 374-3700  
telefax: (617) 374-0055

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The undersigned hereby certifies that this correspondence listed above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR §1.10, postage prepaid, Express Mailing Label No. **EV 509622085 US**, in an envelope addressed to the **Mail Stop PCT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

March 8, 2005

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Date

*Nasim G. Memon*

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Nasim G. Memon

<b>Modified FORM PTO-1449</b>	<b>ATTY. DOCKET NO.</b> MBX-301.1P US	<b>SERIAL NO.</b> Not yet assigned 100752703
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	<b>APPLICANT</b> Michelle BUTLER	
(Use several sheets if necessary)	<b>FILING DATE</b> Concurrently herewith	<b>GROUP</b> Not yet assigned

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	U.S. 2003/0157693	8/21/03	Verdin et al.			12/18/2002
	AB	U.S. 2004/0034075	2/19/04	Smith et al.			06/17/2003
	AC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION YES NO	
	BA							
	BB							
	BC							
	BD							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Barnes and Brown, <i>Nucl. Acids Res.</i> , 6:1203-1219 (1979)
CB	Barnes et al., <i>J. Bacteriol.</i> , 184:3834-3838 (2002)
CC	Braithewaite et al., <i>Nucl. Acids Res.</i> , 21:787-802 (1993)
CD	Brown et al., <i>Drugs Exp. Clin. Res.</i> , 12:555-564 (1986)
CE	Clements et al., <i>J. Biol. Chem.</i> , 250:522-526 (1975)
CF	Coan et al., <i>J. Amer. Chem. Soc.</i> , 76:501 (1954)
CG	Daly et al., <i>Antimicrob. Agents Chemother.</i> , 44:2217-2221 (2000)
CH	Ege et al., <i>J. Heterocycl. Chem.</i> , 19:1267-1273 (1982)
CI	Gadekar et al., <i>J. Med. Chem.</i> , 3:616-618 (1968)
CJ	Hammond et al., <i>Gene</i> , 98: 29-36 (1991)
CK	Low et al., <i>J. Biol. Chem.</i> , 251:1311-1325 (1976)
CL	Millis et al., <i>J. Bacteriol.</i> , 132:641-649 (1977)
CM	Milyutin A.V., <i>Khimiko-Farmatsevticheskii Zhurnal</i> , 32:24-26 (1998)
CN	Spence et al., <i>Science</i> , 267:988-993 (1995)

	CO	Tarantino et al., <i>Antimicrob. Agents Chemother.</i> , 43:1982-1987 (1999)
	CP	Torsci et al., <i>Gazzetta Chimica Italiana</i> , 92:1290-1300 (1962)
	CQ	Trantolo et al., <i>J. Med. Chem.</i> , 29:676-681 (1986)
	CR	Wright et al., <i>Current Opinion in Anti-Infective Investigational Drugs</i> , 1:45-48 (1999)
EXAMINER		DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with  
next communication to Applicant.

sheet   2   of   2